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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/777,563	02/12/2004	David H. McConville	1999U029.RE.US	6900

7590 08/25/2008
Douglas W Miller
Univation Technologies LLC
c/o Judith A Kruger
5555 San Felipe Suite 1950
Houston, TX 77056

EXAMINER

CHEUNG, WILLIAM K

ART UNIT	PAPER NUMBER
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1796

MAIL DATE	DELIVERY MODE
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08/25/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/777,563	Applicant(s) MCCONVILLE, DAVID H.	
	Examiner WILLIAM K. CHEUNG	Art Unit 1796	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 February 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-8 and 10-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4-8 and 10-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The examiner acknowledges the receipt of the amendment filed February 28, 2008, claims 3, 9 have been cancelled. Claims 1, 2, 4-8, 10-14 are pending.
2. In view of the argument filed February 28, 2008, the rejection of Claims 1, 2, 4-8, 10-14 are rejected under 35 U.S.C. 112, second paragraph, is withdrawn.
3. In view of the argument filed February 28, 2008, the rejection of Claims 1, 2, 4-8, 10-14 under 35 U.S.C. 102(b) as being anticipated by Sugimura et al. (JP 10-330412), is withdrawn.
4. In view of the argument filed February 28, 2008, the rejection of Claims 1, 2, 4-8, 10-14 under 35 U.S.C. 102(b) as being anticipated by Sugimura et al. (JP 10-330416), is withdrawn.
5. In view of the argument filed February 28, 2008, the rejection of Claims 1, 2, 4-8, 10-14 under 35 U.S.C. 102(b) as being anticipated by Imuta et al. (WO 98/34961), is withdrawn.
6. In view of the argument filed February 28, 2008, the rejection of Claims 1, 2, 4-8, 10-14 under 35 U.S.C. 102(e) as being anticipated by Imuta et al. (US 6,255,419), is withdrawn.

Double Patenting

7. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

8. Claims 1, 2, 4-8, 10-14 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-38 of U.S. Patent No.

6,271,325. Although the conflicting claims are not identical, they are not patentably distinct from each other because both the invention of Claims 1, 2, 4-8, 10-14 and the invention of claims 1-38 of U.S. Patent No. 6,271,325 are related to an olefin polymerization process using substantially identical catalyst. Regarding the claimed polymerization temperature of the instant application, claim 28 of U.S. Patent No. 6,271,325 clearly teach a temperature of 60 to 115 degree C. Claims 16 and 17 of U.S. Patent No. 6,271,325 clearly teach the ethylene and propylene as claimed. Therefore, the examiner has a reasonable basis that that invention of Claims 1, 2, 4-8, 10-14 of

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instant application fully encompasses the invention of the invention of claims 1-38 of U.S. Patent No. 6,271,325.

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

10. Claims 1, 2, 4-8, 10-14 are rejected under 35 U.S.C. 102(e) as being anticipated by McConville et al. (US 6,271,325).

McConville et al. (abstract; col. 14, claim 1) disclose an olefin polymerization process in the gas phase or slurry phase comprising a catalyst in the presence of an activator that is substantially identical to the catalyst system as claimed. Regarding the claimed polymerization temperature, McConville et al. (col. 13, example 8) clearly disclose a polymerization temperature of 60 degree C. Further, McConville et al. (col. 15, claims 16, 17) clearly teach a polymerization process involving ethylene and propylene. Regarding the claimed comonomers, McConville et al. (col. 6, line 41-49) clearly teach a copolymerization process involving comonomers having four or more carbons. Since McConville et al. contain all the features of claims 1, 2, 4-8, 10-14, claims 1, 2, 4-8, 10-14 are anticipated.

11. Claims 1, 2, 8, 10-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Matsunaga (US 6,294,495).

Matsunaga (abstract; col. 2, line 3-48) discloses tridentate structure as defined by formula (A). Matsunaga (col. 8, line 20-25) clearly indicates that the polymerization process can be carried out in liquid phase, such as solution, slurry, suspension, bulk phase or combination thereof. Regarding the claimed polymerization temperature, Matsunaga (col. 8, line 43-46) clearly teaches a polymerization temperature preferably ranging from -20 to 220 degree C. Regarding the claimed activator, Matsunaga (col. 5, line 18-65) clearly teach the use of a co-catalyst (or activator). Regarding the claimed comonomers, Matsunaga et al. (col. 9, line 40-49) disclose comonomers having the

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number of carbons that clearly met the feature of claim 13. Since Matsunaga contains all the features of claims 1, 2, 8, 10-14, claims 1, 2, 8, 10-14 are anticipated.

Conclusion

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, THIS ACTION IS MADE FINAL. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William K Cheung whose telephone number is (571) 272-1097. The examiner can normally be reached on Monday-Friday 9:00AM to 2:00PM; 4:00PM to 8:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David WU can be reached on (571) 272-1114. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/William K Cheung/
Primary Examiner, Art Unit 1796

William K. Cheung, Ph. D.
Primary Patent Examiner
August 22, 2008